

What is claimed is:

1. A reduction device structure of a spring driving musical movement, which comprises : a musical movement base, a gear fixed base, a step spur gear, a bilateral gear and a friction unit; wherein

5 a musical movement base, having a locating frame, a locating post and a left-side bilateral gear installing groove thereon, combines with a gear fixed base by said locating frame and said locating post, and uses said left-side bilateral gear installing groove to cover a friction unit;

a gear fixed base, formed from project plastic material, installs with a locating
10 hole, two parallel concave grooves and a right-side bilateral gear installing groove; and the base shape of said gear fixed base just could installs in the locating frame on the musical movement base, and said locating hole in the middle of said gear fixed base tightly combines and fixes position with the locating post on the musical movement base after said locating post inserts therein; and a curve flange,
15 setting on the entrance of each parallel concave groove, parallelizes in a step spur gear; and said right-side bilateral gear installing groove cooperates with the left-side bilateral gear installing groove on the musical base to be installed in a bilateral gear; and

a friction unit locating on the musical movement base to make a worm thereon
20 mutually and vertically engages with a left-side gear of the bilateral gear.

2. The reduction device structure of a spring driving musical movement according to Claim 1, wherein said curve flange sets on each entrance of said two parallel concave grooves on the front end of said gear fixed base, to make the widths of two parallel concave grooves smaller than the shaft diameter of a step
25 spur gear.

3. The reduction device structure of a spring driving musical movement according to Claim 1, wherein said step spur gear parallelizes in said gear fixed base to prevent fall down easily upon fabricating process.